

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/050613

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03K19/003

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 014 581 A (SIEMENS AG) 28 June 2000 (2000-06-28) the whole document	1-9, 13-15
X	US 5 717 343 A (KWONG DAVID) 10 February 1998 (1998-02-10) column 8, line 16 - column 9, line 19; figures 6,7	1,2, 13-15
A	US 6 329 835 B1 (CHEN BAOHUA) 11 December 2001 (2001-12-11) figure 8	1,15
A	US 2003/025523 A1 (KRISHNAMURTHY RAM ET AL) 6 February 2003 (2003-02-06) the whole document	1,15

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

13 July 2004

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23/07/2004

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Information on patent family members

International Application No
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1014581	A	28-06-2000	US 6177810 B1 CN 1259743 A EP 1014581 A1 JP 2000183722 A KR 2000048169 A TW 465183 B	23-01-2001 12-07-2000 28-06-2000 30-06-2000 25-07-2000 21-11-2001
US 5717343	A	10-02-1998	US 5963047 A	05-10-1999
US 6329835	B1	11-12-2001	NONE	
US 2003025523	A1	06-02-2003	NONE	